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Bureau of Agricultural Economics  
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Reserve

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REPLACEMENT RATES FOR RURAL-FARM MALES AGED  
25-69 YEARS, BY COUNTIES, 1940-50

By Conrad Taeuber, Special Assistant to the Chief

Replacement rates are a means of showing how rapidly a population group is replacing itself during a period of time. For the group of working age, the replacement rate is the ratio of persons reaching working age to the persons of working age who die or retire during the specified period.

Attached tables show replacement rates for men in the rural-farm population, 25-69 years of age, for the decade 1940-50 in the United States. This is the age group which includes most farm operators for only a comparatively few young men become farm operators before they have reached their 25th birthday, and relatively few continue as operators after they are 70 years old. For purposes of these computations it is assumed that a rural-farm man on reaching his 70th birthday, retires from active work.

The replacement rate during a given period rests on two numbers: (1) the number of young men in the rural-farm population who can be expected to reach their 25th birthday, and (2) the number of men in the rural-farm population between 25 and 70 years who can be expected to die or retire. These two numbers are relatively easy to estimate. If the number of persons at any age is known, the approximate number who will die during the succeeding decade and the number who will still be living at the end of the decade can easily be computed.

For the entire United States the number of men aged 25-69 in the rural-farm population in 1940 was about 7,264,000. If the mortality rate of 9.0 deaths per 1,000 per year should continue between 1940 and 1950 and if there were no migration from or to farms between 1940 and 1950, some 1,824,000 of these men would die or reach retirement age (70 years) by 1950. To replace them there would be 3,039,000 young men whose 25th birthday would be reached during the decade. In other words, under these conditions, during this decade, 167 men in the rural-farm population would have reached their 25th birthday for every 100 men, 25-69 years old in 1940, who would have reached retirement age or would have died. If there were to be no increase in the number of men 25-69 years old on farms during the decade it would have been necessary for approximately two-fifths of the young men to leave the farms. Or, if it had been the national policy to keep young men on farms, new opportunities would have been needed for two-fifths of the young men, on reaching the 25th birthday during the decade. The "vacancies" resulting from death or retirement due to old age would have been sufficient to absorb only three-fifths of these young men. The ratios would not differ much if some other age group had been used as a base. For the age group 20-64 years, there would have been 179 men entering the age group for every 100 who would have left it, as a result of death or reaching 65 years.

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The replacement rate of 167 gives an indication of the youth who could be spared from the rural-farm population between 1940 and 1950 without reducing the number of men of working age--67 for every 100 who replaced older men. The ratio was somewhat higher among Negroes (174) than among whites (165). It was lowest in the Pacific Coast States (123) and in the New England States (124) and highest in the South Atlantic States (192) and the East South Central States (190). In every State of the South it was greater for whites than for colored, the regional averages being 195 for white and 175 for colored.

The lowest rate for any State was that for New Hampshire--it was just 100. The highest rate was 224 for whites in Alabama. The rate was above 200 in North Carolina (both white and colored), and in South Carolina (both white and colored); and for whites in Alabama, Arkansas, Georgia, Louisiana, Mississippi, and in Utah. In these States then, less than half of the farm men reaching working age (25 years) would have been needed as replacements for older men who died or reached retirement age.

Wartime demands for men to go into the Armed Forces, war industries, and other essential activities created an intense pull on the manpower on farms. A part of the demand for manpower could be met easily because some of the young men were not needed to maintain the working-age population on farms, and because others of working age were either unemployed or not fully employed. But continued demands for several years brought a marked decrease in men of working age living on farms. Wartime migrations, however, did not remove the basic problem for rural youth which the replacement rates show--the problem of fitting a large proportion of rural youth for nonfarm occupations and of finding nonfarm occupations for them or expanding the opportunities in agriculture.

The heavy migration from farms since 1940 has involved older people as well as the young people who usually supply most of the migrants. The preference of the Armed Forces for young men has involved a particularly heavy loss of men who were 15 to 24 years old in 1940. In spite of the great decrease since 1940 in the number of these young men, there are still enough left on farms even now to fill the "varancies" which are likely to result from death or retirement of older men living on farms during the decade 1944-54. There will be job opportunities on farms for some returning war workers or men from the armed forces as replacements for women, girls, children, and very old men who have worked during wartimes but will want to go back to their normal pursuits after the war. But the return of any appreciable number of young men to farms in addition to those needed for replacements of the temporary workers would mean a net addition to the number of men of working age, for young men still on farms who will be reaching maturity during the first post-war years will be sufficient in numbers to provide the normal replacements for older men.

Wartime migration of people from farms means that there are fewer people on farms at present than at any other time during the last 50 to 60 years. Without migration, the farm population would increase, for the number of births exceeds the number of deaths; in 1943 that excess averaged nearly 400,000. If, in addition to this "natural increase," there should be a considerable return of the members of the Armed Forces or emigrants to nonfarm areas, the farm population would increase rapidly.

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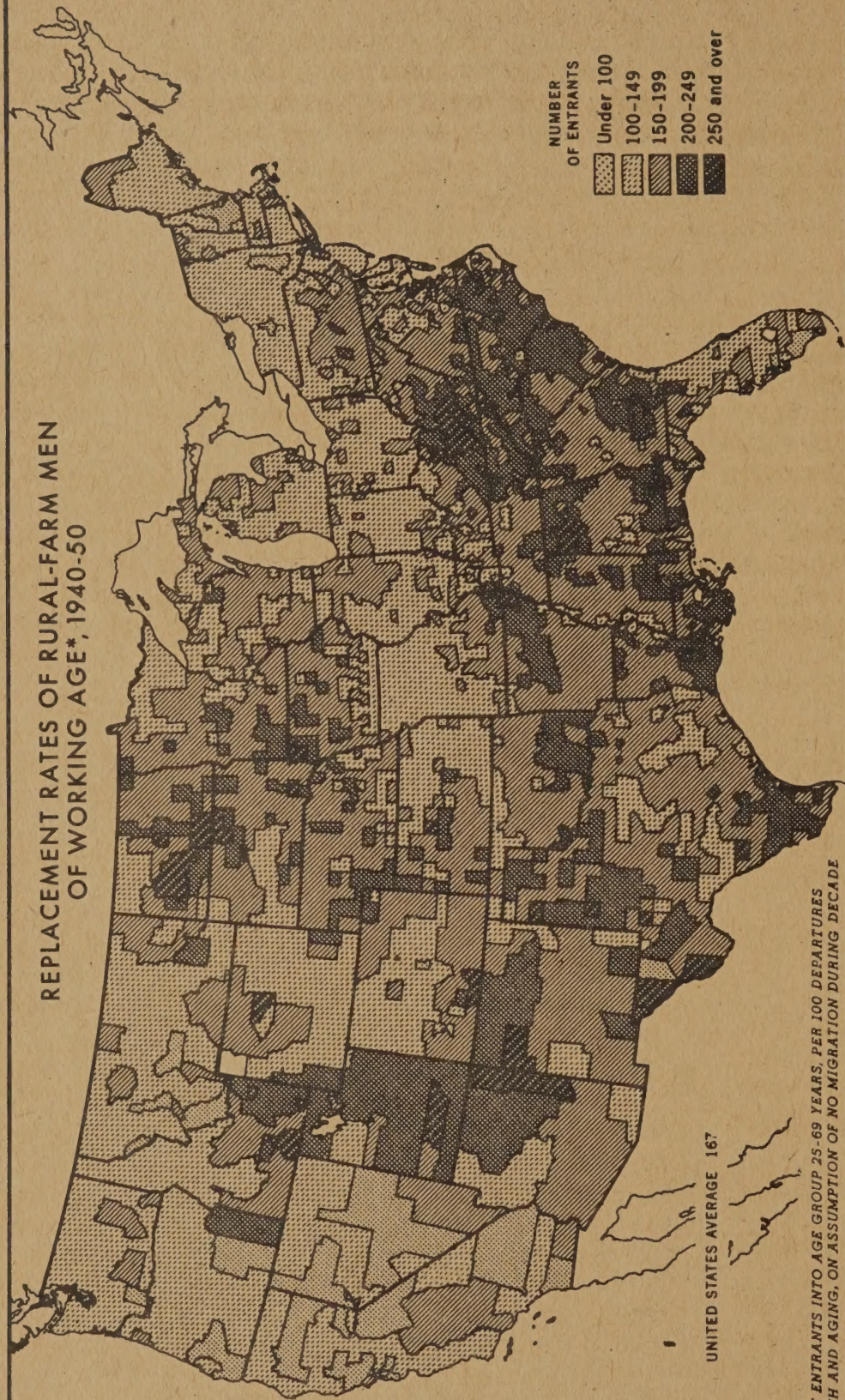
Developments of the immediate post-war period are difficult to fortell, and their effect on the exact level of replacement rates given in these tables cannot be stated now but it is known that these replacement rates reflect basic relationships. The variations among regions, States, and smaller areas are the result of long-time developments which are affected, but not basically altered, by the war. As the areas that had high replacement rates in 1940 are, to a large extent, the same areas in which such rates will probably still be high in 1950, these rates may be useful now for post-war planning.

In the accompanying map, counties having high replacement rates are shown in darker shadings and counties with low rates in lighter shadings. There are a few scattered areas in which rates are below 100; they are located primarily in the Western States. Each Southern State, except Florida and Delaware includes large areas in which rates are above 200. There are areas with rates of 250 or over in the Southern Appalachians, in northern Alabama, and in southwestern North Dakota, and in scattered counties in many other States. Some of the areas with high replacement rates have experienced extensive outmigration since 1940. But as these are areas where birth rates have been high, they undoubtedly still have large groups of boys, too young to be among the recent migrants, who will be reaching maturity within a few years and will be looking for opportunities to work.

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# REPLACEMENT RATES OF RURAL-FARM MEN OF WORKING AGE\*, 1940-50



NUMBER  
OF ENTRANTS

Under 100
100-149
150-199
200-249
250 and over

UNITED STATES AVERAGE 167

\* NUMBER OF ENTRANTS INTO AGE GROUP 25-69 YEARS, PER 100 DEPARTURES  
THROUGH DEATH AND AGING, ON ASSUMPTION OF NO MIGRATION DURING DECADE

U. S. DEPARTMENT OF AGRICULTURE

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Table 1.--Replacement rates by race for rural-farm males aged 25 - 69 1/  
United States, major regions, geographic divisions and  
States, 1940-50

Area	:	Rate	
		:	:
	:	Total	White : Nonwhite
<u>United States</u>		167	165 174
<u>North</u>		148	148
<u>New England</u>		124	124
Maine		123	123
New Hampshire		100	100
Vermont		135	135
Massachusetts		129	129
Rhode Island		121	121
Connecticut		126	126
<u>Middle Atlantic</u>		134	134
New York		115	115
New Jersey		131	131
Pennsylvania		154	154
<u>East North Central</u>		143	143
Ohio		138	138
Indiana		135	135
Illinois		147	147
Michigan		139	139
Wisconsin		159	159
<u>West North Central</u>		162	162
Minnesota		175	175
Iowa		168	168
Missouri		144	144
North Dakota		189	189
South Dakota		184	184
Nebraska		169	169
Kansas		145	145



Table 1.—Replacement rates by race for rural-farm males aged 25-69 <sup>1/</sup>  
United States, major regions, geographic divisions,  
and States, 1940-50

Area	Total	Rate	
		White	Nonwhite
<u>South</u>	189	195	174
<u>South Atlantic</u>	192	194	187
Delaware	131	133	124
Maryland	146	148	137
Virginia	172	176	163
West Virginia	186	186	138
North Carolina	217	218	213
South Carolina	215	217	214
Georgia	189	202	171
Florida	156	162	140
<u>East South Central</u>	190	201	164
Kentucky	190	193	121
Tennessee	187	192	160
Alabama	203	224	172
Mississippi	181	204	164
<u>West South Central</u>	184	190	164
Arkansas	187	201	154
Louisiana	195	216	173
Oklahoma	184	187	160
Texas	178	181	166
<u>West</u>	140	140	
<u>Mountain</u>	166	166	
Montana	138	138	
Idaho	165	165	
Wyoming	158	158	
Colorado	159	159	
New Mexico	194	194	
Arizona	187	187	
Utah	217	217	
Nevada	111	111	
<u>Pacific</u>	123	123	
Washington	125	125	
Oregon	120	120	
California	122	122	

<sup>1/</sup> Number of men reaching age 25 per 100 departures from age groups 25-69 through death or passing 69th birthday; the rates are based on the assumption of no migration.



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50

Area	: Rate	:	Area	: Rate	:	Area	: Rate
:	:	:	:	:	:	:	:
<u>Alabama</u>							
Autauga	178		Macon	170		Baxter	176
Baldwin	168		Madison	217		Benton	134
Barbour	216		Marengo	146		Boone	166
Bibb	174		Marion	264		Bradley	185
Blount	234		Marshall	185		Calhoun	190
Bullock	177		Mobile	169		Carroll	142
Butler	199		Monroe	205		Chicot	171
Calhoun	215		Montgomery	156		Clark	184
Chambers	172		Morgan	220		Clay	224
Cherokee	227		Perry	178		Cleburne	209
Chilton	197		Pickens	179		Cleveland	196
Choctaw	168		Pike	210		Columbia	197
Clarke	163		Randolph	202		Conway	219
Clay	191		Russell	206		Craighead	231
Cleburne	222		St. Clair	186		Crawford	182
Coffee	267		Shelby	189		Crittenden	141
Colbert	238		Sumter	158		Cross	205
Conecuh	219		Talladega	197		Dallas	178
Coosa	194		Tallapoosa	197		Desha	174
Covington	222		Tuscaloosa	189		Drew	165
Crenshaw	217		Walker	255		Faulkner	225
Cullman	258		Washington	218		Franklin	187
Dale	225		Wilcox	163		Fulton	196
Dallas	148		Winston	281		Garland	166
De Kalb	239					Grant	175
Elmore	191		<u>Arizona</u>			Greene	235
Escambia	211		Apache	257		Hempstead	188
Etowah	236		Cochise	130		Hot Spring	192
Fayette	207		Coconino	214		Howard	182
Franklin	267		Gila	161		Independence	224
Geneva	261		Graham	186		Izard	199
Greene	136		Greenlee	169		Jackson	230
Hale	161		Maricopa	187		Jefferson	160
Henry	221		Mohave	124		Johnson	194
Houston	314		Navajo	224		Lafayette	187
Jackson	236		Pima	175		Lawrence	227
Jefferson	185		Final	184		Lee	167
Lamar	228		Santa Cruz	143		Lincoln	162
Lauderdale	232		Yavapai	114		Little River	188
Lawrence	257		Yuma	162		Logan	190
Lee	196					Lonoke	195
Limestone	218		<u>Arkansas</u>			Madison	166
Lowndes	168		Arkansas	194		Marion	192
			Ashley	179			

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
Arkansas (Cont'd)					
Miller	197	Imperial	160	Yuba	103
Mississippi	226	Inyo	101		
Monroe	172	Kern	172	<u>Colorado</u>	
Montgomery	198	Kings	180	Adams	145
Nevada	188	Lake	82	Alamosa	182
Newton	200	Lassen	97	Arapahoe	143
Ouachita	176	Los Angeles	120	Archuleta	158
Perry	200	Madera	184	Baca	168
Phillips	148	Marin	150	Bent	173
Pike	199	Mariposa	78	Boulder	148
Poinsett	243	Mendocino	107	Chaffee	139
Polk	169	Merced	172	Cheyenne	157
Pope	222	Modoc	124	Clear Creek	108
Prairie	195	Mono	89	Conejos	260
Pulaski	157	Monterey	107	Costilla	266
Randolph	208	Napa	78	Crowley	177
St. Francis	168	Nevada	84	Custer	118
Saline	166	Orange	122	Delta	148
Scott	181	Placer	125	Dolores	192
Searcy	192	Plumas	111	Douglas	133
Sebastian	188	Riverside	108	Eagle	158
Sevier	182	Sacramento	110	Elbert	133
Sharp	180	San Benito	109	El Paso	136
Stone	224	San Bernardino	94	Fremont	117
Union	189	San Diego	90	Garfield	140
Van Buren	204	San Joaquin	108	Gilpin	100
Washington	150	San Luis Obispo	123	Grand	135
White	206	San Mateo	87		



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Colorado</u> (Cont'd)					
Montrose	160	Charlotte	66	Pinellas	121
Morgan	174	Citrus	174	Polk	152
Otero	164	Clay	139	Putnam	104
Ouray	140	Collier	88	St. Johns	120
Park	118	Columbia	179	St. Lucie	141
Phillips	148	Dade	152	Santa Rosa	201
Pitkin	130	De Soto	105	Sarasota	167
Prowers	169	Dixie	135	Seminole	98
Pueblo	164	Duval	121	Sumter	153
Rio Blanco	124	Escambia	184	Suwannee	187
Rio Grande	247	Flagler	122	Taylor	171
Routt	142	Franklin	180	Union	208
Saguache	163	Gadsden	125	Volusia	115
San Miguel	160	Gilchrist	183	Wakulla	183
Sedgwick	200	Glades	128	Walton	189
Summit	100	Gulf	60	Washington	189
Teller	98	Hamilton	188		
Washington	170	Hardee	145	<u>Georgia</u>	
Weld	192	Hendry	195	Appling	249
Yuma	176	Hernando	127	Atkinson	265
		Highlands	119	Bacon	278
<u>Connecticut</u>		Hillsborough	163	Baker	177
Fairfield	109	Holmes	221	Baldwin	173
Hartford	140	Indian River	110	Banks	194
Litchfield	124	Jackson	178	Barrow	205
Middlesex	122	Jefferson	141	Bartow	227
New Haven	131	Lafayette	219	Ben Hill	175
New London	132	Lake	103	Berrien	221
Tolland	138	Lee	130	Bibb	156
Windham	105	Leon	159	Bleckley	212
		Levy	156	Brantley	208
<u>Delaware</u>		Liberty	182	Brooks	181
Kent	137	Madison	163	Bryan	200
New Castle	144	Manatee	142	Bulloch	207
Sussex	124	Marion	123	Burke	163
		Martin	102	Butts	157
<u>Florida</u>		Monroe	24	Calhoun	162
Alachua	146	Nassau	149	Camden	142
Baker	207	Okaloosa	188	Candler	225
Bay	159	Okeechobee	138	Carroll	182
Bradford	169	Orange	106	Catoosa	199
Brevard	108	Osceola	107	Charlton	175
Broward	141	Palm Beach	175	Chatham	166
Calhoun	208	Pasco	109	Chattahoochee	161

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
Georgia (Cont'd)					
Chattooga	190	Haralson	156	Polk	213
Cherokee	196	Harris	166	Pulaski	169
Clarke	166	Hart	232	Putnam	156
Clay	169	Heard	184	Quitman	169
Clayton	177	Henry	167	Rabun	217
Clinch	245	Houston	174	Randolph	174
Cobb	179	Irwin	241	Richmond	174
Coffee	242	Jackson	208	Rockdale	163
Colquitt	259	Jasper	164	Schley	169
Columbia	159	Jeff Davis	266	Screven	191
Cook	222	Jefferson	196	Seminole	206
Coweta	158	Jenkins	203	Spalding	164
Crawford	172	Johnson	215	Stephens	206
Crisp	197	Jones	169	Stewart	187
Dade	197	Lamar	158	Sumter	171
Dawson	194	Lanier	196	Talbot	136
Decatur	174	Laurens	217	Taliaferro	167
De Kalb	163	Lee	160	Tattnall	208
Dodge	231	Liberty	164	Taylor	186
Dooly	189	Lincoln	176	Telfair	222
Dougherty	137	Long	181	Terrell	180
Douglas	167	Lowndes	173	Thomas	166
Early	195	Lumpkin	180	Tift	209
Echols	175	McDuffie	182	Toombs	219
Effingham	174	McIntosh	102	Towns	247
Elbert	188	Macon	176	Treutlen	200
Emanuel	218	Madison	188	Troup	167
Evans	215	Marion	151	Turner	227
Fannin	226	Meriwether	161	Twiggs	198
Fayette	162	Miller	223	Union	207
Floyd	182	Mitchell	188	Upson	187
Forsyth	222	Monroe	145	Walker	177
Franklin	196	Montgomery	199	Walton	191
Fulton	178	Morgan	183	Ware	223
Gilmer	188	Murray	206	Warren	176
Glascock	232	Muscogee	150	Washington	185
Glynn	124	Newton	175	Wayne	226
Gordon	214	Oconee	150	Webster	183
Grady	180	Oglethorpe	158	Wheeler	228
Greene	152	Paulding	204	White	199
Gwinnett	185	Peach	172	Whitfield	205
Habersham	203	Pickens	196	Wilcox	204
Hall	205	Pierce	238	Wilkes	152
Hancock	175	Pike	180	Wilkinson	168
				Worth	202

(Continued)



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
Idaho		Twin Falls	162	Jasper	139
		Valley	138	Jefferson	139
Ada	134	Washington	141	Jersey	140
Adams	132	Illinois		Jo Daviess	145
Bannock	217			Johnson	155
Bear Lake	210	Adams	135	Kane	182
Benewah	112	Alexander	172	Kankakee	160
Bingham	214	Bond	142	Kendall	161
Blaine	160	Boone	151	Knox	135
Boise	114	Brown	112	Lake	144
Bonner	110	Bureau	144	La Salle	150
Bonneville	225	Calhoun	147	Lawrence	147
Boundary	127	Carroll	143	Lee	154
Butte	180	Cass	177	Livingston	167
Camas	122	Champaign	186	Logan	144
Canyon	151	Christian	129	McDonough	120
Caribou	232	Clark	143	McHenry	166
Cassia	254	Clay	152	McLean	167
Clark	174	Clinton	198	Macon	147
Clearwater	130	Coles	133	Macoupin	136
Custer	158	Cook	173	Madison	142
Elmore	126	Crawford	124	Marion	147
Franklin	252	Cumberland	138	Marshall	167
Fremont	207	De Kalb	150	Mason	141
Gem	158	De Witt	150	Massac	133
Gooding	156	Douglas	166	Menard	136
Idaho	136	Du Page	155	Mercer	146
Jefferson	212	Edger	131	Monroe	131
Jerome	187	Edwards	111	Montgomery	135
Kootenai	117	Effingham	159	Morgan	126
Latah	130	Payette	154	Moultrie	147
Lemhi	144	Ford	153	Ogle	147
Lewis	114	Franklin	162	Peoria	135
Lincoln	202	Fulton	144	Perry	164
Madison	274	Gallatin	177	Piatt	173
Minidoka	302	Greene	134	Pike	122
Nez Perce	135	Grundy	164	Pope	131
Oneida	197	Hamilton	131	Pulaski	145
Owyhee	169	Hancock	118	Putnam	150
Payette	151	Hardin	169	Randolph	130
Power	188	Henderson	127	Richland	140
Shoshone	138	Henry	145	Rock Island	130
Teton	249	Iroquois	164	St. Clair	132
		Jackson	146	Saline	152

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Illinois</u> (Cont'd)					
Sangamon	135	Franklin	127	Randolph	126
Schuyler	133	Fulton	129	Ripley	109
Scott	141	Gibson	139	Rush	113
Shelby	131	Grant	126	St. Joseph	147
Stark	140	Greene	136	Scott	138
Stephenson	144	Hamilton	118	Shelby	108
Tazewell	162	Hancock	113	Spencer	133
Union	147	Harrison	139	Starke	136
Vermilion	145	Hendricks	109	Steuben	129
Wabash	138	Henry	124	Sullivan	132
Warren	137	Howard	135	Switzerland	130
Washington	143	Huntington	140	Tippecanoe	137
Wayne	143	Jackson	146	Tipton	131
White	143	Jasper	182	Union	135
Whiteside	161	Jay	118	Vanderburgh	139
Will	138	Jefferson	113	Vermillion	144
Williamson	141	Jennings	125	Vigo	123
Winnebago	138	Johnson	137	Wabash	158
Woodford	185	Knox	150	Warren	136
		Kosciusko	139	Warrick	139
		Lagrange	155	Washington	160
<u>Indiana</u>		Lake	145	Wayne	124
Adams	177	La Porte	125	Wells	126
Allen	144	Lawrence	156	White	174
Bartholomew	127	Madison	132	Whitley	134
Benton	188	Marion	123		
Blackford	142	Marshall	148	<u>Iowa</u>	
Boone	106	Martin	162	Adair	142
Brown	124	Miami	135	Adams	158
Carroll	118	Monroe	154	Allamakee	152
Cass	137	Montgomery	117	Appanoose	133
Clark	131	Morgan	109	Audubon	181
Clay	124	Newton	152	Benton	191
Clinton	129	Noble	144	Black Hawk	190
Crawford	141	Ohio	127	Boone	174
Daviess	171	Orange	145	Bremer	176
Dearborn	134	Owen	123	Buchanan	176
Decatur	118	Parke	123	Buena Vista	167
De Kalb	115	Perry	163	Butler	202
Delaware	122	Pike	133	Calhoun	189
Dubois	174	Porter	146	Carroll	220
Elkhart	153	Posey	150	Cass	151
Fayette	129	Pulaski	166	Cedar	169
Floyd	129	Putnam	130	Cerro Gordo	167
Fountain	127				

• (Continued)



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 -(Continued)

Area	Rate	Area	Rate	Area	Rate
Iowa (Cont'd)					
Cherokee	217	Mahaska	156	Barton	215
Chickasaw	175	Marion	142	Bourbon	125
Clarke	153	Marshall	151	Brown	155
Clay	189	Mills	153	Butler	141
Clayton	167	Mitchell	168	Chase	137
Clinton	151	Monona	181	Chautauqua	146
Crawford	210	Monroe	150	Cherokee	151
Dallas	154	Montgomery	136	Cheyenne	239
Davis	131	Muscatine	158	Clark	168
Decatur	143	O'Brien	224	Clay	137
Delaware	213	Osceola	264	Cloud	130
Des Moines	145	Page	140	Coffey	118
Dickinson	196	Palo Alto	204	Comanche	174
Dubuque	203	Plymouth	200	Cowley	113
Emmet	176	Pocahontas	207	Crawford	125
Fayette	166	Polk	131	Decatur	168
Floyd	139	Pottawattamie	171	Dickinson	142
Franklin	183	Poweshiek	161	Doniphan	152
Fremont	166	Ringgold	126	Douglas	122
Greene	175	Sac	192	Edwards	183
Grundy	189	Scott	139	Elk	112
Guthrie	154	Shelby	211	Ellis	310
Hamilton	179	Sioux	261	Ellsworth	157
Hancock	206	Story	175	Finney	179
Hardin	200	Tama	176	Ford	162
Harrison	150	Taylor	136	Franklin	106
Henry	143	Union	125	Geary	129
Howard	179	Van Buren	102	Gove	184
Humboldt	190	Wapello	123	Graham	173
Ida	175	Warren	160	Grant	202
Iowa	200	Washington	160	Gray	180
Jackson	170	Wayne	133	Greely	232
Jasper	115	Webster	152	Greenwood	137
Jefferson	166	Winnebago	181	Hamilton	168
Johnson	147	Winneshiek	162	Harper	142
Jones	180	Woodbury	172	Harvey	163
Keokuk	141	Worth	170	Haskell	190
Kossuth	219	Wright	199	Hodgeman	158
Lee	144			Jackson	129
Linn	137	Kansas		Jefferson	120
Louisa	151	Allen	121	Jewell	121
Lucas	127	Anderson	130	Johnson	122
Lyon	253	Atchison	134	Kearny	182
Madison	143	Barber	173	Kingman	181

(Continued)



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
Kansas (Cont'd)					
Kiowa	196	Wichita	146	Hardin	145
Labette	121	Wilson	138	Harlan	272
Lane	196	Woodson	137	Harrison	136
Leavenworth	119	Wyandotte	143	Hart	177
Lincoln	136	Kentucky		Henderson	152
Linn	174	Adair	196	Henry	145
Logan	125	Allen	162	Hickman	157
Lyon	124	Anderson	166	Hopkins	144
McPherson	182	Ballard	130	Jackson	230
Marion	203	Barren	168	Jefferson	166
Marshall	134	Bath	202	Jessamine	176
Meade	205	Bell	278	Johnson	241
Miami	79	Boone	127	Kenton	120
Mitchell	120	Bourbon	166	Knott	306
Montgomery	128	Boyd	204	Knox	237
Morris	161	Boyle	179	Larue	137
Morton	182	Bracken	134	Laurel	236
Nemaha	161	Breathitt	283	Lawrence	211
Neosho	131	Breckinridge	163	Lee	268
Ness	204	Bullitt	150	Leslie	295
Norton	122	Butler	181	Letcher	302
Osage	127	Caldwell	145	Lewis	182
Osborne	138	Calloway	150	Lincoln	187
Ottawa	127	Campbell	137	Livingston	141
Pawnee	170	Carlisle	145	Logan	147
Phillips	141	Carroll	133	Lyon	174
Pottawatomie	133	Carter	225	McCracken	132
Pratt	177	Casey	232	McCreary	278
Rawlins	177	Christian	118	McLean	162
Reno	170	Clark	169	Madison	199
Republic	129	Clay	279	Magoffin	292
Rice	139	Clinton	219	Marion	215
Riley	142	Crittenden	161	Marshall	166
Rooks	147	Cumberland	233	Martin	332
Rush	220	Daviess	176	Mason	144
Russell	186	Edmonson	214	Meade	151
Saline	124	Elliot	239	Menifee	192
Scott	193	Estill	234	Mercer	158
Sedgwick	159	Fayette	191	Metcalf	172
Seward	174	Fleming	159	Monroe	200
Shawnee	139	Floyd	307	Montgomery	177
Sheridan	218	Franklin	144	Morgan	231
Sherman	209	Fulton	169	Muhlenberg	184
Smith	150	Gallatin	141	Nelson	182
Stafford	165	Garrard	183	Nicholas	141
Stanton	189	Grant	137	Ohio	148
Stevens	209	Graves	149	Oldham	154
Sumner	140	Grayson	164	Owen	145
Thomas	187	Green	198	Owsley	234
Trego	190	Greenup	237	Pendleton	128
Wabaunsee	147	Hancock	155	Perry	323
Wallace	151			Pike	304
Washington	148			Powell	222
				Pulaski	221
				Robertson	140

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<b>Kentucky (Cont'd)</b>					
Rockcastle	230	Lincoln	199	Penobscot	116
Rowan	261	Livingston	213	Piscataquis	115
Russell	235	Madison	141	Sagadahoc	106
Scott	148	Morehouse	169	Somerset	121
Shelby	151	Natchitoches	171	Waldo	112
Simpson	148	Ouachita	172	Washington	120
Spencer	175	Plaquemines	156	York	109
Taylor	170	Pointe Coupee	190		
Todd	151	Rapides	177	<b>Maryland</b>	
Trigg	187	Red River	188	Allegany	193
Trimble	167	Richland	205	Anne Arundel	150
Union	149	Sabine	223	Baltimore	119
Warren	155	St. Bernard	187	Calvert	150
Washington	191	St. Charles	186	Caroline	129
Wayne	230	St. Helena	182	Carroll	151
Webster	128	St. James	219	Cecil	144
Whitley	207	St. John the		Charles	163
Wolfe	258	Baptist	152	Dorchester	126
Woodford	188	St. Landry	247	Frederick	165
<b>Louisiana</b>		St. Martin	253	Garrett	185
Acadia	253	St. Mary	188	Harford	155
Allen	208	St. Tammany	172	Howard	148
Ascension	216	Tangipahoa	197	Kent	132
Assumption	202	Tensas	160	Montgomery	155
Avoyelles	211	Terrebonne	214	Prince Georges	155
Beauregard	155	Union	215	Queen Annes	135
Bienville	189	Vermilion	249	St. Marys	168
Bossier	154	Vernon	185	Somerset	114
Caddo	166	Washington	241	Talbot	129
Calcasieu	202	Webster	183	Washington	159
Caldwell	173	West Baton Rouge	147	Wicomico	127
Cameron	211	West Carroll	231	Worcester	143
Catahoula	171	West Feliciana	164		
Claiborne	212	Winn	188	<b>Massachusetts</b>	
Concordia	144			Barnstable	136
De Soto	168	<b>Maine</b>		Berkshire	81
East Baton Rouge	159	Androscoggin	113	Bristol	97
East Carroll	161	Aroostook	188	Dukes	105
East Feliciana	163	Cumberland	108	Essex	82
Evangeline	253	Franklin	117	Franklin	144
Franklin	198	Hancock	104	Hampden	135
Grant	195	Kennebec	109	Hampshire	183
Iberia	228	Knox	97	Middlesex	107
Iberville	174	Lincoln	85	Norfolk	131
Jackson	174	Oxford	108	Plymouth	181
Jefferson	239				
Jefferson Davis	229				
Lafayette	243				
Lafourche	233				
La Salle	227				

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69; 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
				Minnesota	
Michigan		Keweenaw	137	Aitkin	165
Alcona	155	Lake	102	Anoka	149
Alger	151	Lapeer	147	Becker	173
Allegan	134	Leelanau	154	Beltrami	134
Alpena	180	Lenawee	129	Benton	220
Antrim	129	Livingston	134	Big Stone	187
Arenac	167	Luce	132	Blue Earth	177
Baraga	139	Mackinac	184	Brown	210
Barry	118	Macomb	151	Carlton	167
Bay	181	Manistee	138	Carver	186
Benzie	114	Marquette	145	Cass	174
Berrien	134	Mason	129	Chippewa	190
Branch	103	Mecosta	128	Chisago	124
Calhoun	110	Menominee	166	Clay	180
Cass	107	Midland	160	Clearwater	171
Charlevoix	139	Missaukee	169	Cook	135
Cheboygan	143	Monroe	137	Cottonwood	200
Chippewa	153	Montcalm	123	Crow Wing	158
Clare	150	Montmorency	153	Dakota	183
Clinton	138	Muskegon	150	Dodge	172
Crawford	134	Newaygo	129	Douglas	148
Delta	156	Oakland	143	Faribault	192
Dickinson	172	Oceana	133	Fillmore	165
Eaton	112	Ogemaw	138	Freeborn	182
Emmet	149	Ontonagon	135	Goodhue	146
Genesee	153	Osceola	126	Grant	167
Gladwin	173	Oscoda	178	Hennepin	148
Gogebic	154	Otsego	157	Houston	169
Grand Traverse	116	Ottawa	158	Hubbard	148
Gratiot	140	Presque Isle	195	Isanti	124
Hillsdale	110	Roscommon	136	Itasca	155
Houghton	153	Saginaw	151	Jackson	201
Huron	186	St. Clair	140	Kanabec	144
Ingham	130	St. Joseph	111	Kandiyohi	176
Ionia	121	Sanilac	145	Kittson	214
Iosco	125	Schoolcraft	152	Koochiching	119
Iron	142	Shiawassee	142	Lac qui Parle	191
Isabella	151	Tuscola	145	Lake	109
Jackson	117	Van Buren	109	Lake of the	
Kalamazoo	130	Washtenaw	133	Woods	175
Kalkaska	135	Wayne	164	Le Sueur	159
Kent	133	Wexford	127	Lincoln	229
				Lyon	196
				McLeod	184

..(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Minnesota (Cont'd)</u>		<u>Mississippi</u>			
Mahnomen	226	Adams	137	Lowndes	174
Marshall	191	Alcorn	210	Madison	171
Martin	189	Amite	194	Marion	219
Meeker	178	Attala	187	Marshall	175
Mille Lacs	144	Benton	186	Monroe	194
Morrison	220	Bolivar	157	Montgomery	184
Mower	179	Calhoun	207	Neshoba	228
Murray	210	Carroll	186	Newton	195
Nicollet	201	Chickasaw	186	Noxubee	177
Nobles	234	Choctaw	194	Oktibbeha	189
Norman	181	Claiborne	138	Panola	165
Olmsted	175	Clarke	184	Pearl River	201
Otter Tail	164	Clay	181	Perry	193
Pennington	180	Coahoma	146	Pike	185
Pine	152	Copiah	162	Pontotoc	207
Pipestone	233	Covington	214	Prentiss	231
Polk	176	De Soto	154	Quitman	172
Pope	176	Forrest	162	Rankin	190
Ramsey	132	Franklin	182	Scott	191
Red Lake	191	George	200	Sharkey	157
Redwood	200	Greene	235	Simpson	202
Renville	193	Grenada	176	Smith	235
Rice	191	Hancock	195	Stone	164
Rock	215	Harrison	168	Sunflower	170
Roseau	170	Hinds	170	Tallahatchie	178
St. Louis	139	Holmes	182	Tate	167
Scott	199	Humphreys	174	Tippah	210
Sherburne	164	Issaquena	143	Tishomingo	234
Sibley	172	Itawamba	221	Tunica	144
Stearns	248	Jackson	155	Union	198
Steele	202	Jasper	204	Walthall	212
Stevens	221	Jefferson	139	Warren	124
Swift	197	Jefferson		Washington	144
Todd	185	Davis	209	Wayne	222
Traverse	194	Jones	224	Webster	201
Wabasha	176	Kemper	179	Wilkinson	162
Wadena	199	Lafayette	170	Winston	203
Waseca	186	Lamar	215	Yalobusha	177
Washington	141	Lauderdale	174	Yazoo	166
Watsonwan	195	Lawrence	201		
Wilkin	193	Leake	200	<u>Missouri</u>	
Winona	160	Lee	191	Adair	129
Wright	163	Leflore	176	Andrew	121
Yellow Medicine	173	Lincoln	198	Atchison	172

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<b>Missouri (Continued)</b>					
Audrain	117	Jackson	129	St. Charles	137
Barry	162	Jasper	138	St. Clair	119
Barton	125	Jefferson	115	St. Francois	143
Bates	119	Johnson	113	St. Louis	154
Benton	122	Knox	116	Ste. Genevieve	164
Bollinger	167	Laclede	152	Saline	137
Boone	118	Lafayette	128	Schuyler	110
Buchanan	127	Lawrence	125	Scotland	115
Butler	200	Lewis	109	Scott	253
Caldwell	106	Lincoln	119	Shannon	186
Callaway	112	Linn	121	Shelby	109
Camden	145	Livingston	108	Stoddard	232
Cape Girardeau	154	McDonald	152	Stone	149
Carroll	119	Macon	109	Sullivan	143
Carter	201	Madison	166	Taney	160
Cass	119	Maries	158	Texas	146
Cedar	122	Marion	119	Vernon	117
Chariton	122	Mercer	126	Warren	101
Christian	143	Miller	156	Washington	171
Clark	120	Mississippi	227	Wayne	179
Clay	106	Moniteau	112	Webster	159
Clinton	109	Monroe	103	Worth	126
Cole	138	Montgomery	110	Wright	150
Cooper	139	Morgan	140		
Crawford	140	New Madrid	302	<b>Montana</b>	
Dade	130	Newton	143	Beaverhead	91
Dallas	139	Nodaway	132	Big Horn	182
Daviess	112	Oregon	179	Blaine	145
De Kalb	106	Osage	155	Broadwater	132
Dent	154	Ozark	186	Carbon	155
Douglas	171	Pemiscot	285	Carter	139
Dunklin	266	Perry	167	Cascade	125
Franklin	126	Pettis	124	Chouteau	112
Gasconade	121	Phelps	143	Custer	215
Gentry	126	Pike	111	Daniels	146
Greene	126	Platte	124	Dawson	143
Grundy	112	Polk	128	Deer Lodge	198
Harrison	121	Pulaski	146	Fallon	169
Henry	119	Putnam	124	Fergus	124
Hickory	151	Ralls	112	Flathead	132
Holt	140	Randolph	103	Gallatin	150
Howard	115	Ray	110	Garfield	123
Howell	150	Reynolds	192	Glacier	141
Iron	179	Ripley	192	Golden Valley	130

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Montana (Cont'd)</u>					
Granite	118	Boone	188	Kearney	156
Hill	153	Box Butte	162	Keith	228
Jefferson	112	Boyd	180	Keya Paha	176
Judith Basin	111	Brown	166	Kimball	173
Lake	146	Buffalo	167	Knox	175
Lewis and Clark	104	Burt	147	Lancaster	154
Liberty	131	Butler	172	Lincoln	174
Lincoln	112	Cass	148	Logan	167
McCone	166	Cedar	215	Loup	206
Madison	125	Chase	201	McPherson	132
Meagher	95	Cherry	186	Madison	120
Mineral	70	Cheyenne	235	Merrick	150
Missoula	130	Clay	140	Merrill	219
Musselshell	129	Colfax	169	Nance	207
Park	135	Cuming	210	Nemaha	152
Petroleum	104	Custer	171	Nuckolls	174
Phillips	122	Dakota	156	Otoe	147
Pondera	161	Dawes	159	Pawnee	160
Powder River	110	Dawson	203	Perkins	224
Powell	95	Deuel	230	Phelps	129
Prairie	160	Dixon	191	Pierce	193
Ravalli	120	Dodge	136	Platte	200
Richland	165	Douglas	186	Polk	144
Roosevelt	160	Dundy	207	Redwillow	151
Rosebud	132	Fillmore	149	Richardson	162
Sanders	127	Franklin	143	Rock	202
Sheridan	157	Frontier	166	Saline	137
Silver Bow	127	Furnas	140	Sarpy-	147
Stillwater	120	Gage	168	Saunders	143
Sweet Grass	118	Garden	171	Scotts Bluff	245
Teton	181	Garfield	166	Seward	157
Toole	128	Cosper	162	Sheridan	165
Treasure	127	Grant	233	Sherman	188
Valley	132	Greeley	202	Sioux	160
Wheatland	92	Hall	138	Stanton	169
Wibaux	149	Hamilton	170	Thayer	155
Yellowstone	164	Harlan	172	Thomas	174
		Hayes	185	Thurston	209
		Hitchcock	211	Valley	158
<u>Nebraska</u>					
Adams	118	Holt	178	Washington	135
Antelope	180	Hooker	148	Wayne	171
Arthur	194	Howard	165	Webster	143
Banner	154	Jefferson	147	Wheeler	171
Blaine	162	Johnson	164	York	168

(Continued)



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Nevada</u>					
Churchill	118	Ocean	103	Cattaraugus	118
Clark	179	Passaic	105	Cayuga	107
Douglas	102	Salem	145	Chautauqua	107
Elko	127	Somerset	124	Chemung	111
Esmeralda	103	Sussex	122	Chenango	111
Eureka	54	Union	87	Clinton	143
Humboldt	119	Warren	137	Columbia	100
Lander	102			Cortland	132
Lincoln	166	<u>New Mexico</u>		Delaware	124
Lyon	108	Bernalillo	193	Dutchess	101
Mineral	96	Catron	137	Erie	130
Nye	87	Chaves	173	Essex	111
Ormsby	189	Colfax	173	Franklin	140
Pershing	91	Curry	179	Fulton	114
Storey	275	De Baca	153	Genesee	116
Washoe	80	Dona Ana	211	Greene	87
White Pine	97	Eddy	229	Hamilton	116
		Grant	154	Herkimer	132
<u>New Hampshire</u>					
Belknap	95	Guadalupe	176	Jefferson	119
Carroll	85	Harding	159	Lewis	129
Cheshire	104	Hidalgo	167	Livingston	119
Coos	126	Lea	129	Madison	116
Grafton	111	Lincoln	160	Monroe	112
Hillsborough	91	Luna	150	Montgomery	115
Merrimack	92	McKinley	261	Nassau	135
Rockingham	95	Mora	211	Niagara	114
Strafford	114	Otero	181	Oneida	126
Sullivan	98	Quay	141	Onondaga	114
<u>New Jersey</u>					
Atlantic	120	Rio Arriba	215	Ontario	111
Bergen	108	Roosevelt	194	Orange	143
Burlington	149	Sandoval	204	Orleans	114
Camden	126	San Juan	232	Oswego	114
Cape May	100	San Miguel	202	Otsego	112
Cumberland	137	Santa Fe	206	Putnam	103
Essex	68	Sierra	183	Rensselaer	102
Gloucester	141	Socorro	199	Rockland	204
Hunterdon	127	Taos	242	St. Lawrence	122
Mercer	129	Torrance	182	Saratoga	115
Middlesex	179	Union	148	Schenectady	99
Monmouth	108	Valencia	188	Schoharie	104
Morris	103	<u>New York</u>		Schuyler	102
		Albany	99	Seneca	93
		Allegany	111	Steuben	118
		Broome	134	Suffolk	79

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>New York (Cont'd)</u>					
Sullivan	111	Edgecombe	237	Robeson	233
Tioga	114	Forsyth	199	Rockingham	239
Tompkins	120	Franklin	199	Rowan	209
Ulster	98	Gaston	216	Rutherford	209
Warren	105	Gates	192	Sampson	215
Washington	115	Graham	235	Scotland	215
Wayne	101	Granville	217	Stanly	234
Westchester	113	Greene	257	Stokes	232
Wyoming	132	Guilford	197	Surry	229
Yates	98	Halifax	208	Swain	219
		Harnett	247	Transylvania	205
		Haywood	224	Tyrrell	183
<u>North Carolina</u>					
Alamance	196	Henderson	186	Union	226
Alexander	209	Hertford	215	Vance	225
Alleghany	156	Hoke	228	Wake	229
Anson	131	Hyde	158	Warren	191
Ashe	191	Iredell	202	Washington	203
Avery	250	Jackson	206	Watauga	232
Beaufort	197	Johnston	254	Wayne	226
Bertie	215	Jones	216	Wilkes	224
Bladen	210	Lee	226	Wilson	248
Brunswick	204	Lenoir	240	Yadkin	210
Buncombe	188	Lincoln	231	Yancey	209
Burke	232	McDowell	200		
Cabarrus	254	Macon	194	<u>North Dakota</u>	
Caldwell	231	Madison	230	Adams	155
Camden	164	Martin	260	Barnes	202
Carteret	198	Mecklenburg	196	Benson	171
Caswell	227	Mitchell	216	Billings	228
Catawba	220	Montgomery	207	Bottineau	134
Chatham	190	Moore	229	Bowman	139
Cherokee	224	Nash	228	Burke	103
Chowan	204	New Hanover	137	Burleigh	169
Clay	199	Northampton	213	Cass	176
Cleveland	251	Onslow	202	Cavalier	185
Columbus	228	Orange	185	Dickey	199
Craven	197	Pamlico	166	Divide	123
Cumberland	206	Pasquotank	180	Dunn	260
Currituck	125	Pender	186	Eddy	170
Dare	110	Perquimans	162	Emmons	312
Davidson	197	Person	227	Foster	182
Davie	199	Pitt	244	Golden Valley	150
Duplin	218	Polk	214	Grand Forks	186
Durham	190	Randolph	205	Grant	222
		Richmond	230		

(Continued)



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<b>North Dakota (Cont'd)</b>					
Griggs	189	Butler	142	Meigs	131
Hettinger	220	Carroll	142	Mercer	174
Kidder	235	Champaign	129	Miami	148
La Moure	210	Clark	130	Monroe	139
Logan	336	Clermont	128	Montgomery	135
McHenry	159	Clinton	115	Morgan	128
McIntosh	407	Columbiana	123	Morrow	117
McKenzie	161	Coshocton	121	Muskingum	122
McLean	180	Crawford	139	Noble	124
Mercer	311	Cuyahoga	116	Ottawa	121
Morton	259	Darke	139	Paulding	156
Mountrail	131	Defiance	149	Perry	144
Nelson	196	Delaware	119	Pickaway	182
Oliver	252	Erie	113	Pike	168
Pembina	215	Fairfield	129	Portage	139
Pierce	219	Fayette	137	Preble	140
Ramsey	185	Franklin	125	Putnam	167
Ransom	177	Fulton	152	Richland	142
Renville	106	Gallia	139	Ross	154
Richland	186	Geauga	140	Sandusky	132
Rolette	219	Greene	154	Scioto	181
Sargent	211	Guernsey	116	Seneca	157
Sheridan	269	Hamilton	104	Shelby	165
Sioux	233	Hancock	138	Stark	148
Slope	162	Hardin	141	Summitt	135
Stark	375	Harrison	134	Trumbull	151
Steele	189	Henry	158	Tuscarawas	141
Stutsman	196	Highland	111	Union	130
Towner	185	Hocking	143	Van Wert	140
Traill	192	Holmes	159	Vinton	146
Walsh	199	Huron	124	Warren	137
Ward	138	Jackson	142	Washington	131
Wells	202	Jefferson	170	Wayne	161
Williams	120	Knox	126	Williams	129
		Lake	114	Wood	142
		Lawrence	175	Wyandot	141
		Licking	120		
		Logan	136	<b>Oklahoma</b>	
		Lorain	157	Adair	162
		Lucas	145	Alfalfa	149
		Madison	126	Atoka	207
		Mahoning	152	Beaver	138
		Marion	128	Beckham	178
		Medina	133	Blaine	165
<b>Ohio</b>					
Adams	139				
Allen	144				
Ashland	117				
Ashtabula	126				
Athens	104				
Auglaize	133				
Belmont	145				
Brown	124				

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50. (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Oklahoma (Cont'd)</u>					
Bryan	207	Muskogee	195	Klamath	141
Caddo	187	Noble	152	Lake	110
Canadian	174	Nowata	146	Lane	121
Carter	174	Okfuskee	212	Lincoln	101
Cherokee	186	Oklahoma	144	Linn	133
Choctaw	193	Okmulgee	187	Malheur	214
Cimarron	142	Osage	195	Marion	136
Cleveland	182	Ottawa	154	Morrow	111
Coal	208	Pawnee	154	Multnomah	91
Comanche	171	Payne	185	Polk	125
Cotton	188	Pittsburg	207	Sherman	112
Craig	150	Pontotoc	204	Tillamook	166
Creek	197	Pottawatomie	180	Umatilla	120
Custer	183	Pushmataha	199	Union	111
Delaware	165	Roger Mills	175	Wallowa	140
Dewey	163	Rogers	168	Wasco	105
Ellis	140	Seminole	218	Washington	113
Garfield	192	Sequoyah	198	Wheeler	113
Garvin	202	Stephens	198	Yamhill	119
Grady	185	Texas	152		
Grant	149	Tillman	172	<u>Pennsylvania</u>	
Greer	189	Tulsa	169	Adams	150
Harmon	204	Wagoner	186	Allegheny	146
Harper	141	Washington	153	Armstrong	145
Haskell	221	Washita	193	Beaver	157
Hughes	210	Woods	142	Bedford	179
Jackson	200	Woodward	154	Berks	138
Jefferson	199	<u>Oregon</u>		Blair	170
Johnston	211	Baker	121	Bradford	117
Kay	145	Benton	121	Bucks	134
Kingfisher	171	Clackamas	108	Butler	140
Kiowa	177	Clatsop	133	Cambria	208
Latimer	208	Columbia	121	Cameron	182
Le Flore	203	Coos	130	Carbon	138
Lincoln	186	Crook	133	Centre	190
Logan	155	Curry	987	Chester	155
Love	201	Deschutes	138	Clarion	150
McClain	223	Douglas	98	Clearfield	168
McCurtain	202	Gilliam	145	Clinton	168
McIntosh	235	Grant	118	Columbia	166
Major	189	Herney	94	Crawford	122
Marshall	204	Hood River	143	Cumberland	178
Mayes	167	Jackson	105	Dauphin	195
Murray	180	Jefferson	104	Delaware	127
		Josephine	87		

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Pennsylvania (Cont'd)</u>		<u>Rhode Island</u>		<u>Orangeburg</u>	
Elk	152	Kent	135	Pickens	238
Erie	139	Newport	147	Richland	205
Fayette	158	Providence	112	Saluda	197
Forest	102	Washington	102	Spartanburg	230
Franklin	179			Sumter	232
Fulton	173	<u>South Carolina</u>		Union	192
Greene	140	Abbeville	177	Williamsburg-	237
Huntingdon	164	Aiken	190	York	207
Indiana	165	Allendale	200		
Jefferson	148	Anderson	234	<u>South Dakota</u>	
Juniata	156	Bamberg	228	Armstrong	300
Lackawanna	133	Barnwell	216	Aurora	190
Lancaster	187	Beaufort	146	Beedle	182
Lawrence	152	Berkeley	203	Bennett	188
Lebanon	165	Calhoun	215	Bon Homme	203
Lehigh	155	Charleston	174	Brookings	207
Luzerne	180	Cherokee	234	Brown	187
Lycoming	142	Chester	167	Brule	181
McKean	143	Chesterfield	243	Buffalo	243
Mercer	127	Clarendon	224	Butte	196
Mifflin	228	Colleton	189	Campbell	330
Monroe	128	Darlington	231	Charles Mix	188
Montgomery	155	Dillon	234	Clark	181
Montour	147	Dorchester	215	Clay	150
Northampton	158	Edgefield	196	Codington	199
Northumberland	175	Fairfield	188	Corson	177
Perry	153	Florence	244	Custer	131
Pike	92	Georgetown	211	Davison	186
Potter	121	Greenville	210	Day	209
Schuylkill	175	Greenwood	183	Deuel	198
Snyder	160	Hampton	196	Dewey	223
Somerset	167	Horry	269	Douglas	197
Sullivan	125	Jasper	197	Edmunds	247
Susquehanna	143	Kershaw	219	Fall River	142
Tioga	144	Lancaster	224	Faulk	199
Union	160	Laurens	193	Grant	184
Venango	125	Lee	228	Gregory	159
Warren	132	Lexington	198	Haakon	107
Washington	150	McCormick	173	Hamlin	199
Wayne	144	Marion	233	Hand	187
Westmoreland	166	Marlboro	230	Hanson	217
Wyoming	161	Newberry	184	Harding	144
York	159	Oconee	233		

(Continued)



Table 2.-Replacement rates for rural-form males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
South Dakota (Cont'd)					
Hughes	147	Bradley	200	Lawrence	232
Hutchinson	260	Campbell	239	Lewis	217
Hyde	167	Cannon	182	Lincoln	190
Jackson	126	Carroll	165	Loudon	209
Jerauld	182	Carter	218	McMinn	203
Jones	126	Cheatham	171	McNairy	205
Kingsbury	199	Chester	198	Macon	179
Lake	180	Cleiborne	213	Marion	214
Lawrence	148	Clay	250	Marshall	152
Lincoln	171	Cocke	223	Maury	154
Lyman	145	Coffee	191	Meigs	219
McCook	189	Crockett	185	Monroe	228
McPherson	374	Cumberland	211	Montgomery	153
Marshall	211	Davidson	138	Moore	161
Meade	159	Decatur	205	Morgan	227
Mellette	189	De Kalb	194	Obion	153
Miner	202	Dickson	176	Overton	215
Minnehaha	176	Dyer	215	Perry	211
Moody	183	Fayette	175	Pickett	268
Pennington	142	Fentress	267	Polk	258
Perkins	158	Franklin	175	Putnam	213
Potter	202	Gibson	178	Rhea	192
Roberts	178	Giles	172	Roane	202
Sanborn	153	Grainger	173	Robertson	169
Shannon	171	Greene	217	Rutherford	160
Spink	162	Grundy	226	Scott	236
Stanley	120	Hamblen	179	Sequatchie	198
Sully	191	Hamilton	167	Sevier	218
Todd	219	Hancock	247	Shelby	156
Tripp	180	Hardeman	186	Smith	170
Turner	178	Hardin	193	Stewart	230
Union	154	Hawkins	196	Sullivan	192
Walworth	255	Haywood	183	Sumner	173
Washabaugh	200	Henderson	196	Tipton	179
Washington	165	Henry	151	Trousdale	186
Yankton	170	Hickman	196	Unicoi	223
Ziebach	169	Houston	169	Union	207
		Humphreys	190	Van Buren	225
		Jackson	217	Warren	170
		Jefferson	182	Washington	186
		Johnson	194	Wayne	224
		Knox	179	Weakley	146
		Lake	213	White	183
		Lauderdale	196	Williamson	165
				Wilson	146
Tennessee					
Anderson	188				
Bedford	157				
Benton	174				
Bledsoe	279				
Blount	210				

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<b>Texas</b>					
Anderson	178	Coleman	175	Gillespie	179
Andrews	158	Collin	174	Glasscock	203
Angelina	169	Collingsworth	199	Goliad	194
Aransas	143	Colorado	156	Gonzales	176
Archer	202	Comal	122	Gray	199
Armstrong	154	Comanche	145	Grayson	171
Atascosa	205	Concho	225	Gregg	163
Austin	145	Cooke	180	Grimes	144
Bailey	229	Coryell	172	Guadalupe	182
Bandera	118	Cottle	236	Hale	190
Bastrop	156	Crane	91	Hall	220
Baylor	220	Crockett	165	Hamilton	177
Bee	189	Crosby	228	Hansford	201
Bell	164	Culberson	72	Hardeman	168
Bexar	168	Dallam	134	Hardin	151
Blanco	154	Dallas	159	Harris	166
Borden	243	Dawson	233	Harrison	178
Bosque	159	Deaf Smith	216	Hartley	155
Bowie	187	Delta	203	Haskell	190
Brazoria	180	Denton	169	Hays	162
Brazos	173	De Witt	173	Hemphill	176
Brewster	156	Dickens	197	Henderson	180
Briscoe	227	Dimmit	160	Hidalgo	192
Brooks	221	Donley	187	Hill	174
Brown	139	Duval	216	Hockley	251
Burleson	179	Eastland	157	Hood	138
Burnet	165	Ector	264	Hopkins	190
Caldwell	204	Edwards	167	Houston	153
Calhoun	190	Ellis	170	Howard	207
Callahan	164	El Paso	222	Hudspeth	297
Cameron	186	Erath	136	Hunt	180
Camp	167	Falls	157	Hutchinson	206
Carson	211	Fannin	185	Irion	151
Cass	192	Fayette	164	Jack	163
Castro	225	Fisher	191	Jackson	191
Chambers	155	Floyd	194	Jasper	142
Cherokee	171	Foard	172	Jeff Davis	173
Childress	183	Fort Bend	165	Jefferson	174
Clay	177	Franklin	165	Jim Hogg	224
Cochran	218	Freestone	146	Jim Wells	233
Coke	169	Frio	189	Johnson	145
		Gaines	225	Jones	176
		Galveston	156	Karnes	209
		Garza	214	Kaufman	156

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
Texas (Cont'd)					
Kendall	115	Navarro	146	Swisher	175
Kenedy	153	Newton	136	Tarrant	138
Kent	211	Nolan	157	Taylor	170
Kerr	145	Nueces	238	Terrell	152
Kimble	163	Ochiltree	231	Terry	245
King	231	Oldham	277	Throckmorton	163
Kinney	114	Orange	169	Titus	172
Kleberg	230	Palo Pinto	139	Tom Green	164
Knox	211	Panola	160	Travis	162
Lamar	207	Parker	134	Trinity	176
Lamb	218	Parmer	247	Tyler	171
Lampasas	129	Pecos	200	Upshur	142
La Salle	193	Polk	139	Upton	129
Lavaca	185	Potter	195	Uvalde	127
Lee	154	Presidio	258	Val Verde	145
Leon	143	Rains	207	Van Zandt	179
Liberty	155	Randall	175	Victoria	176
Limestone	146	Reagan	157	Walker	129
Lipscomb	162	Real	123	Waller	130
Live Oak	222	Red River	192	Ward	270
Llano	132	Reeves	226	Washington	138
Loving	132*	Refugio	201	Webb	229
Lubbock	224	Roberts	215	Wharton	152
Lynn	224	Robertson	169	Wheeler	200
McCulloch	188	Rockwall	141	Wichita	184
McLennan	166	Runnels	178	Wilbarger	209
McMullen	166	Rusk	158	Willacy	205
Madison	132	Sabine	173	Williamson	178
Marion	142	San Augustine	153	Wilson	185
Martin	215	San Jacinto	131	Winkler	167
Mason	146	San Patricio	226	Wise	149
Matagorda	140	San Saba	163	Wood	180
Maverick	173	Schleicher	214	Yoakum	230
Medina	171	Scurry	205	Young	162
Menard	119	Shackelford	132	Zapata	187
Midland	189	Shelby	153	Zavala	298
Milam	185	Sherman	215		
Mills	148	Smith	152	Utah	
Mitchell	205	Somervell	138	Beaver	240
Montague	182	Starr	210	Box Elder	242
Montgomery	125	Stephens	143	Cache	224
Moore	160	Sterling	159	Carbon	246
Morris	148	Stonewall	199	Daggett	100
Motley	194	Sutton	236	Davis	200
Nacogdoches	146				

\* No replacement rate computed because of insufficient number of males.

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<b>Utah (Cont'd)</b>					
Duchesne	241	Amherst	159	King and Queen	149
Emery	212	Appomattox	154	King George	130
Garfield	331			King William	137
Grand	219	Augusta	164	Lancaster	135
Iron	170	Bath	151	Lee	206
Juab	158	Bedford	167	Loudoun	144
Kane	222	Bland	185	Louisa	132
Millard	209	Botetourt	163	Lunenburg	178
Morgan	186	Brunswick	181	Madison	143
Piute	215	Buchanan	309	Mathews	89
Rich	235	Buckingham	178	Mecklenburg	200
Salt Lake	206	Campbell	184	Middlesex	113
San Juan	206	Caroline	150	Montgomery	167
Sanpete	209	Carroll	201	Nansemond	181
Sevier	244	Charles City	142	Nelson	158
Summitt	203	Charlotte	183	New Kent	156
Tooele	148	Chesterfield	168	Norfolk	144
Uintah	222	Clarke	118	Northampton	130
Utah	225	Craig	168	Northumberland	168
Wasatch	219	Culpeper	151	Nottoway	161
Washington	239	Cumberland	141	Orange	139
Wayne	247	Dickenson	272	Page	135
Weber	206	Dinwiddie	116	Patrick	201
<b>Vermont</b>					
Addison	169	Elizabeth City	127	Pittsylvania	199
Bennington	113	Essex	133	Powhatan	220
Caledonia	115	Fairfax	147	Prince Edward	150
Chittenden	145	Fauquier	148	Prince George	190
Essex	109	Floyd	173	Prince William	137
Franklin	156	Fluvanna	136	Princess Anne	124
Grand Isle	125	Franklin	210	Pulaski	203
Lamoille	119	Frederick	150	Rappahannock	170
Orange	122	Giles	209	Richmond	160
Orleans	159	Gloucester	119	Roanoke	170
Rutland	136	Goochland	147	Rockbridge	176
Washington	136	Grayson	171	Rockingham	172
Windham	111	Greene	173	Russell	225
Windsor	129	Greensville	203	Scott	207
<b>Virginia</b>					
Accomac	132	Halifax	208	Shenandoah	140
Albemarle	152	Hanover	199	Smyth	210
Alleghany	180	Henrico	156	Southampton	208
Amelia	151	Henry	196	Spotsylvania	138
		Highland	182	Stafford	144
		Isle of Wight	169	Surry	155
		James City	132	Sussex	178

(Continued)



Table 2.--Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Virginia (Cont'd)</u>					
Tazewell	219	Wahkiakum	126	Pocahontas	168
Warren	145	Walla Walla	116	Preston	171
Warwick	167	Whatcom	128	Putnam	189
Washington	184	Whitman	131	Raleigh	240
Westmoreland	149	Yakima	165	Randolph	177
Wise	250			Ritchie	136
Wythe	188	<u>West Virginia</u>		Roane	191
York	116	Barbour	160	Summers	210
<u>Washington</u>		Berkeley	162	Taylor	154
Adams	160	Boone	217	Tucker	192
Asotin	166	Braxton	183	Tyler	148
Benton	135	Brooke	176	Upshur	164
Chelan	138	Cabell	200	Wayne	217
Clallam	120	Calhoun	185	Webster	220
Clark	116	Clay	227	Wetzel	190
Columbia	127	Doddridge	170	Wirt	152
Cowlitz	130	Fayette	188	Wood	148
Douglas	130	Gilmer	180	Wyoming	266
Ferry	139	Grant	177	<u>Wisconsin</u>	
Franklin	156	Greenbrier	173	Adams	122
Garfield	155	Hampshire	164	Ashland	165
Grant	131	Hancock	131	Barron	171
Grays Harbor	119	Hardy	173	Bayfield	133
Island	93	Harrison	152	Brown	190
Jefferson	119	Jackson	164	Buffalo	180
King	112	Jefferson	139	Burnett	140
Kitsap	104	Kanawha	208	Calumet	170
Kittitas	139	Lewis	130	Chippewa	167
Klickitat	121	Lincoln	239	Clark	144
Lewis	138	Logan	267	Columbia	143
Lincoln	161	McDowell	277	Crawford	169
Mason	104	Marion	164	Dane	171
Okanogan	125	Marshall	144	Dodge	177
Pacific	120	Mason	170	Door	141
Pend Oreille	104	Mercer	226	Douglas	126
Pierce	112	Mineral	123	Dunn	162
San Juan	106	Mingo	265	Eau Claire	141
Skagit	127	Monongalia	149	Florence	146
Skamania	84	Monroe	176	Fond du Lac	162
Snohomish	108	Morgan	186	Forest	204
Spokane	130	Nicholas	220	Grant	178
Stevens	100	Ohio	133	Green	174
Thurston	121	Pendleton	197	Green Lake	167
		Pleasants	153		

(Continued)



Table 2.-Replacement rates for rural-farm males aged 25-69, 1/ by counties,  
1940-50 (Continued)

Area	Rate	Area	Rate	Area	Rate
<u>Wisconsin (Cont'd)</u>					
Iowa	167	Waushara	111		
Iron	146	Winnebago	151		
Jackson	147	Wood	178		
Jefferson	134				
Juneau	129	<u>Wyoming</u>			
Kenosha	168	Albany	123		
Kewaunee	153	Big Horn	187		
La Crosse	201	Campbell	123		
Lafayette	166	Carbon	106		
Langlade	167	Converse	148		
Lincoln	157	Crook	141		
Manitowoc	162	Fremont	165		
Marathon	195	Goshen	209		
Marinette	156	Hot Springs	138		
Marquette	142	Johnson	116		
Milwaukee	149	Laramie	145		
Monroe	176	Lincoln	217		
Oconto	161	Natrona	109		
Oneida	135	Niobrara	131		
Outagamie	181	Park	152		
Ozaukee	158	Platte	179		
Pepin	148	Sheridan	169		
Pierce	140	Sublette	145		
Polk	140	Sweetwater	133		
Portage	190	Teton	126		
Price	143	Uinta	222		
Racine	153	Washakie	271		
Richland	179	Weston	127		
Rock	136	Yellowstone			
Rusk	161	Nat'l Park	100		
St. Croix	150				
Sauk	157				
Sawyer	141				
Shawano	164				
Sheboygan	142				
Taylor	163				
Trempealeau	154				
Vernon	158				
Vilas	129				
Walworth	141				
Washburn	157				
Washington	171				
Waukesha	146				
Waupaca	157				

1/ Number of men reaching age 25 per 100 departures from age groups 25-69 through death or passing 69th birthday; the rates are based on the assumption of no migration.